

WHAT IS CLAIMED IS:

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1 1. A method of controlling a call forwarding service
2 comprising:
3 detecting receipt of a first control signal
4 from a first telephone;
5 determining from stored information if the
6 first telephone corresponds to a telephone for which call
7 forwarding service is supported;
8 if it is determined that call forwarding
9 service is supported for the first telephone, determining
10 if a previously stored telephone number is available for
11 use in call forwarding; and
12 if it is determined that a previously stored
13 telephone number is available, enabling the forwarding of
14 calls directed to the first telephone to a second
15 telephone using said previously stored telephone number.

1 2. The method of claim 1, wherein the step of
2 determining if the first telephone corresponds to a
3 telephone for which call forwarding service is supported
4 includes:
5 using automatic number identification
6 information to access a customer service record.

1 3. The method of claim 2, wherein the step of enabling
2 the forwarding of calls directed to the first telephone
3 includes:

4 updating a call processing record to indicate
5 that call forwarding service is active.

1 4. The method of claim 3, wherein the step of enabling
2 the forwarding of calls directed to the first telephone
3 further includes:

4 operating a service control point to send an
5 update message to a telephone switch to which the first
6 telephone is coupled to set a terminating attempt trigger
7 on a telephone line corresponding to the first telephone.

1 5. The method of claim 2, wherein the step of enabling
2 the forwarding of calls directed to the first telephone
3 further includes:

4 operating a service control point to send an
5 update message to a telephone switch to which the first
6 telephone is coupled to set a terminating attempt trigger
7 on a telephone line corresponding to the first telephone.

1 6. The method of claim 2, further comprising:

2 detecting receipt of a second control signal
3 from the first telephone; and

4 in response to detecting receipt of the second
5 control signal disabling the forwarding of calls directed
6 to the first telephone.

1 7. The method of claim 6, wherein disabling the
2 forwarding of calls includes:

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3 operating a service control point to send an
4 update message to a telephone switch to which the first
5 telephone is coupled to deactivate a terminating attempt
6 trigger previously set on the telephone line
7 corresponding to the first telephone.

3 operating a service control point to send an
4 update message to a telephone switch to which the first
5 telephone is coupled to deactivate a terminating attempt
6 trigger previously set on the telephone line
7 corresponding to the first telephone.

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5 accessing, using automatic number
6 identification information, service information
7 maintained in a service control point;

8 determining from the accessed information if
9 the first telephone corresponds to a telephone for which
10 call forwarding service is being provided; and

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1 15. The method of claim 10, further comprising the step
2 of:
3 detecting receipt of a second control signal
4 from the first telephone;

if it is determined that call forwarding service is supported for the first telephone, enabling call forwarding service to the last telephone number to which telephone calls were forwarded in response to the second control signal, the last telephone number corresponding to a second telephone.

receiving from a telephone a control signal;
in response to receiving the control signal,
accessing a call processing record corresponding to the
first telephone;

if it is determined that the accessed call processing record includes said telephone number, enabling forwarding of calls directed to said telephone as a function of said telephone number.

using a telephone number corresponding to said telephone to access said call processing record.

19. The method of claim 17, wherein the step of enabling forwarding of calls includes the step of:
 setting a trigger on a telephone line
 corresponding to said telephone.

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abst. line 4